

REMARKS

The following remarks are in response to the Office Action dated November 15, 2004. As reflected above, claims 1-25 are now pending in this application.

Specification Objections

The title of the Invention is objected to for being not descriptive. The title has therefore been amended as required by the Examiner. The abstract has been amended as required by the Examiner.

37 C.F.R. 1.75(a) Claim Rejection

Claim 24 is objected to under 37 C.F.R. 1.75(a) because of an informality. The claim is amended as shown above to correct the objection.

35 USC 102 Rejection:

Claims 1-3, 5-16, and 24-25 are rejected under 35 U.S.C. 102 as being fully anticipated by U.S. Patent No. 5,563,775 issued to Kammiller. For the reasons set forth below, the applicants respectfully disagree.

Kammiller discloses a full-bridge phase displaced resonant transition circuit having a center-tap placed on the power transformer primary winding. The center-tap is connected to an inductor (14) at one end with another end of the inductor connected to a large capacitor (16). This arrangement utilizes the energy stored in the inductor to discharge the capacitance across any of the switches before turn on, thereby achieving ZVS switching.

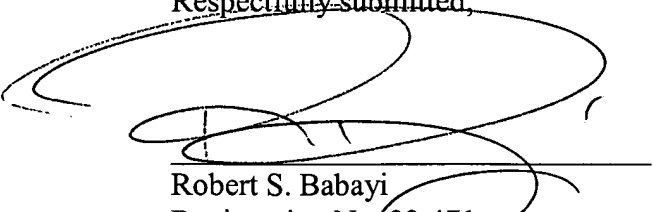
The Action states that the inductor (14) and capacitor (16) form an alternating energy source. However, as clearly stated in the specification of the present invention Paragraph [0035], page 11, the alternating energy source isolates primary transformer TR from the switches and provides the needed energy for achieving ZVS. No such arrangement is disclosed in Kammiller. It is respectfully submitted that the inductor (14) and capacitor (16) of Kammiller do not constitute an alternating energy source that isolates the primary transformer TR. In order to more clearly focus on this aspect of the present invention, claim 1 has been amended to quality that the alternating source isolates the primary transformer.

In view of the above, it is respectfully submitted that all pending claims are now in allowable condition. Early issuance of a Notice of Allowance is respectfully solicited.

If the Examiner is of the opinion that the prosecution of this application would be advanced by a personal interview, the Examiner is invited to telephone undersigned counsel to arrange for such an interview.

1/15/05
Date

Respectfully submitted,



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